

CROSS-REFERENCE TO RELATED APPLICATIONS

[0001] This application is related to the following co-pending and commonly-assigned patent applications, which applications are incorporated by reference herein:

3-24-05
[0002] United States Patent Application Serial No. ^{10/037805}~~10/037805~~ entitled "MOBILE
5 DEVICE LOCATOR ADAPTER SYSTEM FOR LOCATION BASED SERVICES",
by Nemmara Chithambaram, et. al., Attorney Docket No. G&C 30566.201-US-01, filed
on the same date herewith;

3-29-05
[0003] United States Patent Application Serial No. ^{10/034442}~~10/034442~~ entitled "FUZZY
LOGIC REASONING FOR INFERRING USER LOCATION PREFERENCES", by
10 Nemmara Chithambaram, Attorney Docket No. G&C 30566.205-US-01, filed on the
same date herewith;

[0004] United States Patent Application Serial No. 09/629,115, entitled "METHOD
AND APPARATUS FOR PROVIDING ACCESS TO MAPS ON A PERSONAL
DIGITAL ASSISTANT (PDA)", by Nemmara Chithambaram et al., Attorney Docket
15 No. 30566.96USU1, filed on July 31, 2000;

[0005] United States Patent Application Serial No. 09/628,851, entitled
"GEOGRAPHICAL DATA MARKUP ON A PERSONAL DIGITAL ASSISTANT
(PDA)", by Edward J. Connor, et al., Attorney Docket No. 30566.97USU1, filed on July
31, 2000;

20 [0006] United States Patent Application Serial No. 09/628,850, entitled
"GENERALIZED, DIFFERENTIALLY ENCODED, INDEXED RASTER
VECTOR DATA AND SCHEMA FOR MAPS ON A PERSONAL DIGITAL
ASSISTANT", by Nemmara Chithambaram et al., Attorney Docket No. 30566.98USU1,

exemplary environment without departing from the scope of the present invention. For example, those skilled in the art will recognize that any combination of the above components, or any number of different components, including different logic, data, different peripherals, and different devices, may be used to implement the present invention, so long as similar functions are performed thereby.

Mobile Device Locator Adapter System

[0039] A device locator application may be executing on a client 104 or a server 106 to determine the location of a specific mobile device client 104. Details regarding this application are disclosed in the co-pending and commonly assigned United States Patent Application Serial No. ^{10/037865} /xxx,xxx, entitled "MOBILE DEVICE LOCATOR ADAPTER SYSTEM FOR LOCATION BASED SERVICES", by Nemmara Chithambaram, et. al., Attorney Docket No. G&C 30566.201-US-01, filed on the same date herewith, which application is incorporated by reference herein.

[0040] To determine the location of a mobile device client 104, a device-specific identification is provided to the device locator. For example, a mobile subscriber international subscriber directory number (MSISDN) (the directory number [e.g., the GSM - global system for mobile communications number] or the number one dials to connect to a GSM subscriber) may be provided to a device locator application 110.

Such an MSISDN may be encoded in a cookie in a wireless application request. Alternatively, a device may be identified by an Internet protocol (IP) address encoded in a request header or may be identified by a pre-stored default in the user profile database 128-130.